

PS3M165EBL = (Flanged) Black/White PS3M165EBTL = (Trimless) Black
PS3M165EWL = (Flanged) White PS3M165EWTL = (Trimless) White
Add a "1" for 120v or "2" for 277v at the end of the catalog number for voltage

Ceiling Cutout: 13" L x 4 9/16" W

Ordering Information: MR 16 Series S

| Cat. No. | Lamp | Ceiling Trim | Aperture Finish |
|-------------|---------------|--------------|-------------------------|
| PS3M165EBL | (3) 50W MR 16 | Overlap | Black with White Flange |
| PS3M165EWL | (3) 50W MR 16 | Overlap | White with White Flange |
| PS3M165EBTL | (3) 50W MR 16 | Trimless | Black |
| PS3M165EWTL | (3) 50W MR 16 | Trimless | White |

Features

- 1. **Aperture Frame:** Provides clean support for lamp holders and overlapping flange or trimless installation. Extruded aluminum. Rigidly welded together on all corners.
- 2. **Lamp Shields:** Die-formed aluminum. Shields spill light from lamp. Removable for relamping
- 3. **Adjustable Ring:** Die-cast aluminum. 30° vertical adjustment.
- 4. **Tortiontite Spring:** For easy installation of aperture frame.
- 5. **Housing:** Die-formed NYC 20 ga. steel. Finish: Black.
- 6. **Mounting Brackets:** Adjustable vertically from outside of housing.
- 7. **Thermal Protector:** Meets NEC, CEC, UL & CSA requirements.
- 8. **Lampholder:** Steatite for GX/GY 5.3 Bi-Pin MR-16 lamps. 250° C Teflon® leads.
- 9. **Heat Shield:** Die-formed aluminum.
- 10. **Junction Box:** 14 ga. steel, 4" x 3 1/2" x 3" box. Allows inspection from below.
- 11. **Lamp Guard:** Heat resistant Micro prismatic clear glass. Lamp manufacture's requirement
- 12. **Transformer Housing:** Die-formed steel.

Electrical

Electronic Transformers: Offer reliable operation and are accessible from below for servicing. 12V. Secondary 50 VA. each lamp.
Dimming Controls: Use only dimmers specifically designed for use with electronic transformers. Low Voltage fixtures may produce audible sound when used with dimmers, which may be objectionable in acoustically critical areas. UL/cUL listed for through branch circuit wiring with maximum of (4) no. 12 AWG, 90°C.

Finish

All painted finishes are powder coated baked enamel.

Labels

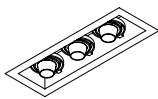
UL/cUL (Suitable for Damp Location), I.B.E.W.

Teflon® is a registered trademark of E.I. DuPont.

| Job Information | Type: |
|-----------------|-------|
| Job Name: | |
| Cat. No.: | |
| Lamp(s): | |
| Notes: | |

Lightolier a Genlyte Thomas Company www.lightolier.com
631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710
We reserve the right to change details of design, materials and finish.
© 2004 Genlyte Thomas Group LLC (Lightolier Division) • B0304

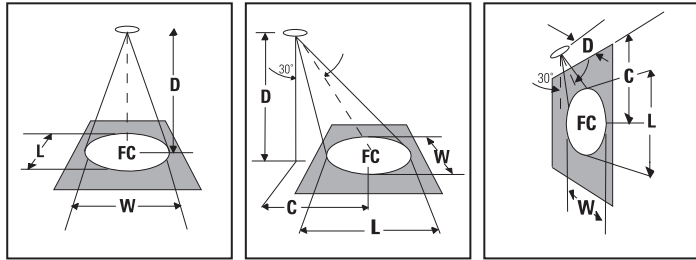
LIGHTOLIER®































Accent Lighting Performance Data

(FC) is initial footcandles at center of beam.
Beam length (L) and beam width (W) are to where the candlepower is reduced to 50% of the center beam candlepower.
CBCP is center beam candlepower.

(C) is distance to the center of the beam.
Lamp data shown is typical, and is based on bare lamp photometrics. Contact lamp manufacturers for availability and performance.



| Lamps | Beam Spread (To 50% CBCP) | CBCP | Rated Life (Hrs.) | 0° Aiming Angle | | | | 30° Aiming Angle | | | | | 30° Aiming Angle | | | | |
|---|---|-------|----------------------|-------------------------|-----------------------|------------------------------|------------------------------|-------------------------|------------------------------|-----------------------|--------------------------------|-------------------------------|----------------------|-------------------------------|------------------------|----------------------------------|------------------------------|
| | | | | D | FC | L | W | D | C | FC | L | W | D | C | FC | L | W |
| MR16 Low Voltage Halogen Bi-Pin Lamps | | | | | | | | | | | | | | | | | |
|  20W MR16 VNSP (EZS) |  | 8200 | 3000 | 7' 10' 13' 16' | 167 82 49 32 | 0.9' 1.2' 1.6' 2.0' | 0.9' 1.2' 1.6' 2.0' | 6' 9' 12' 15' | 3.5' 5.2' 6.9' 8.7' | 148 66 37 24 | 1.0' 1.5' 2.0' 2.3' | 0.8' 1.3' 1.7' 2.1' | 2' 3' 4' 5' | 3.5' 5.2' 6.9' 8.7' | 256 114 64 41 | 1.0' 1.5' 2.0' 2.5' | 0.5' 0.7' 1.0' 1.2' |
|  20W MR16 NSP (ESX) |  | 3600 | 5000 | 6' 8' 10' 12' | 100 56 36 25 | 1.4' 1.8' 2.3' 2.7' | 1.4' 1.8' 2.3' 2.7' | 5' 7' 9' 11' | 2.9' 4.0' 5.2' 6.4' | 94 48 29 19 | 1.5' 2.1' 2.7' 3.4' | 1.3' 1.8' 2.4' 2.9' | 2' 3' 4' 5' | 3.5' 5.2' 6.9' 8.7' | 113 50 28 18 | 1.9' 2.8' 3.8' 4.7' | 0.9' 1.4' 1.8' 2.3' |
|  20W MR16 FL (BAB) |  | 525 | 5000 | 2' 3' 4' 5' | 131 58 33 21 | 1.5' 2.2' 2.9' 3.6' | 1.5' 2.2' 2.9' 3.6' | 2' 3' 4' 5' | 1.2' 1.7' 2.3' 2.9' | 85 38 21 14 | 2.0' 3.0' 4.1' 5.1' | 1.7' 2.5' 3.4' 4.2' | 1' 2' 3' 4' | 1.7' 3.5' 5.2' 6.9' | 66 16 7 4 | 4.8' 9.7' 14.5' 19.3' | 1.5' 2.9' 4.4' 5.8' |
|  35W MR16 NSP (FRB) |  | 8700 | 4000 | 7' 10' 13' 16' | 178 87 51 34 | 1.5' 2.1' 2.7' 3.4' | 1.5' 2.1' 2.7' 3.4' | 6' 9' 12' 15' | 3.5' 5.2' 6.9' 8.7' | 157 70 39 25 | 1.7' 2.5' 3.4' 4.2' | 1.5' 2.2' 2.9' 3.6' | 2' 3' 4' 5' | 3.5' 5.2' 6.9' 8.7' | 272 121 68 44 | 1.7' 2.6' 3.5' 4.3' | 0.8' 1.3' 1.7' 2.1' |
|  35W MR16 SP (FRA) |  | 3900 | 4000 | 6' 8' 10' 12' | 108 61 39 27 | 2.1' 2.8' 3.5' 4.2' | 2.1' 2.8' 3.5' 4.2' | 5' 7' 9' 11' | 2.9 4.0' 5.2' 6.4' | 101 52 31 21 | 2.4' 3.3' 4.3' 5.2' | 2.0' 2.9' 3.7' 4.5' | 2' 3' 4' 5' | 3.5' 5.2' 6.9' 8.7' | 122 54 30 20 | 3.1' 4.7' 6.2' 7.8' | 1.4' 2.1' 2.8' 3.5' |
|  35W MR16 FL (FMW) |  | 1600 | 4000 | 4' 6' 8' 10' | 100 44 25 16 | 2.9' 4.4' 5.8' 7.3' | 2.9' 4.4' 5.8' 7.3' | 3' 5' 7' 9' | 1.7' 2.9' 4.0' 5.2' | 115 42 21 13 | 3.0' 5.1' 7.1' 9.1' | 2.5' 4.2' 5.8' 7.6' | 1' 2' 3' 4' | 1.7' 3.5' 5.2' 6.9' | 200 50 22 13 | 4.8' 9.7' 14.5' 19.3' | 1.5' 2.9' 4.4' 5.8' |
|  37W MR16 IR NSP |  | 11500 | 4000 | 6' 12' 16' 20' | 180 80 45 29 | 1.4' 2.1' 2.8' 3.5' | 1.4' 2.1' 2.8' 3.5' | 7' 10' 13' 16' | 4.0' 5.8' 7.5' 9.2' | 152 75 44 29 | 1.6' 2.3' 3.0' 3.7' | 1.4' 2.0' 2.8' 3.2' | 3' 4' 5' 6' | 5.2' 6.9' 8.7' 10.4' | 160 90 58 40 | 2.1' 2.9' 3.6' 4.3' | 1.0' 1.4' 1.7' 2.1' |
|  37W MR16 IR NFL |  | 3500 | 4000 | 6' 8' 10' 12' | 97 55 35 24 | 2.7' 3.5' 4.4' 5.3' | 2.7' 3.5' 4.4' 5.3' | 5' 7' 9' 11' | 2.9' 4.0' 5.2' 6.4' | 91 46 28 19 | 3.0' 4.2' 5.4' 6.6' | 2.6' 3.6' 4.6' 5.6' | 2' 3' 4' 5' | 3.5' 5.2' 6.9' 8.7' | 109 49 27 18 | 4.2' 6.2' 8.3' 10.4' | 1.8' 2.7' 3.5' 4.4' |
|  37W MR16 IR FL |  | 2050 | 4000 | 4' 6' 8' 10' | 128 57 32 21 | 2.9' 4.4' 5.8' 7.3' | 2.9' 4.4' 5.8' 7.3' | 3' 5' 7' 9' | 1.7' 2.9' 4.0' 5.2' | 148 53 27 16 | 3.0' 5.1' 7.1' 9.1' | 2.5' 4.2' 5.9' 7.6' | 1' 2' 3' 4' | 1.7' 3.5' 5.2' 6.9' | 258 64 28 16 | 4.8' 9.7' 14.5' 19.3' | 1.5' 2.9' 4.4' 5.8' |
|  42W MR16 VNSP (EZY) |  | 13100 | 3500 | 8' 16' 16' 20' | 205 91 51 33 | 1.3' 1.9' 2.5' 3.1' | 1.3' 1.9' 2.5' 3.1' | 7' 10' 13' 16' | 4.0 5.8' 7.5' 9.2' | 174 85 50 33 | 1.5' 2.1' 2.7' 3.4' | 1.3' 1.8' 2.4' 2.9' | 3' 4' 5' 6' | 5.2' 6.9' 8.7' 10.4' | 182 102 66 45 | 1.9' 2.6' 3.2' 3.8' | 0.9' 1.3' 1.6' 1.9' |
|  50W MR16 NSP (EXT) |  | 10200 | 4000 | 8' 12' 16' 20' | 159 71 40 26 | 2.0' 2.9' 3.8' 4.9' | 2.0' 2.9' 3.8' 4.9' | 7' 10' 13' 15' | 4.0' 5.8' 7.5' 9.2' | 135 66 39 28 | 2.3' 3.3' 4.3' 5.3' | 2.0' 2.8' 3.7' 4.5' | 3' 4' 5' 6' | 5.2' 6.9' 8.7' 10.4' | 142 80 51 35 | 3.1' 4.1' 5.1' 6.2' | 1.5' 2.0' 2.5' 2.9' |
|  50W MR16 NFL (EXZ) |  | 3400 | 6000 | 6' 8' 10' 12' | 94 53 34 24 | 2.9' 3.8' 4.8' 5.8' | 2.9' 3.8' 4.8' 5.8' | 5' 7' 9' 11' | 2.9' 4.0' 5.2' 6.4' | 88 45 27 18 | 3.3' 4.6' 5.9' 7.2' | 2.8' 3.9' 5.0' 6.1' | 2' 3' 4' 5' | 3.5' 5.2' 6.9' 8.7' | 106 47 27 17 | 4.6' 7.0' 9.3' 11.6' | 1.9' 2.9' 3.6' 4.8' |
|  50W MR16 FL (EXN) |  | 1850 | 6000 | 4' 6' 8' 10' | 116 51 29 19 | 2.9' 4.4' 5.8' 7.3' | 2.9' 4.4' 5.8' 7.3' | 3' 5' 7' 9' | 1.7' 2.9 4.0' 5.2' | 134 48 25 15 | 3.0' 5.1' 7.1' 9.1' | 2.5' 4.2' 5.9' 7.6' | 1' 2' 3' 4' | 1.7' 3.5' 5.2' 6.9' | 231 58 26 14 | 4.8' 9.7' 14.5' 19.3' | 1.5' 2.9' 4.4' 5.8' |
|  50W MR16 WFL (FNW) |  | 1150 | 4000 | 3' 5' 7' 9' | 128 46 23 14 | 3.1' 5.2' 7.3' 9.4' | 3.1' 5.2' 7.3' 9.4' | 3' 5' 7' 9' | 1.7' 2.9 4.0' 5.2' | 83 30 15 9 | 4.6' 7.6' 10.7' 13.7' | 3.6' 6.0' 8.4' 10.8' | 1' 2' 3' 4' | 1.7' 3.5' 5.2' 6.9' | 144 36 16 9 | 22.3' 44.5' 66.8' 89.1' | 2.1' 4.2' 6.2' 8.3' |

Job Information

Type:

Lightolier a Genlyte Thomas Company

www.lightolier.com

631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710

We reserve the right to change details of design, materials and finish.

© 2004 Genlyte Thomas Group LLC (Lightolier Division) • B0304

LIGHTOLIER®